

Docket No.: O0277.70001US00  
(PATENT)

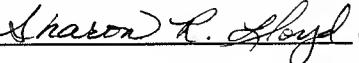
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Heather L. Davis et al.  
Serial No.: 10/644,267  
Confirmation No.: 6263  
Filed: August 20, 2003  
For: NUCLEOTIDE VECTOR COMPOSITION CONTAINING SUCH  
VECTOR AND VACCINE FOR IMMUNIZATION AGAINST  
HEPATITIS  
Examiner: A. M. Falk  
Art Unit: 1632

**Certificate of Electronic Filing Under 37 CFR 1.8**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: June 8, 2010

Signature:  (Sharon R. Lloyd)

**RESPONSE UNDER 37 C.F.R. 1.116**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated December 8, 2009, finally rejecting claims 32-47, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.